

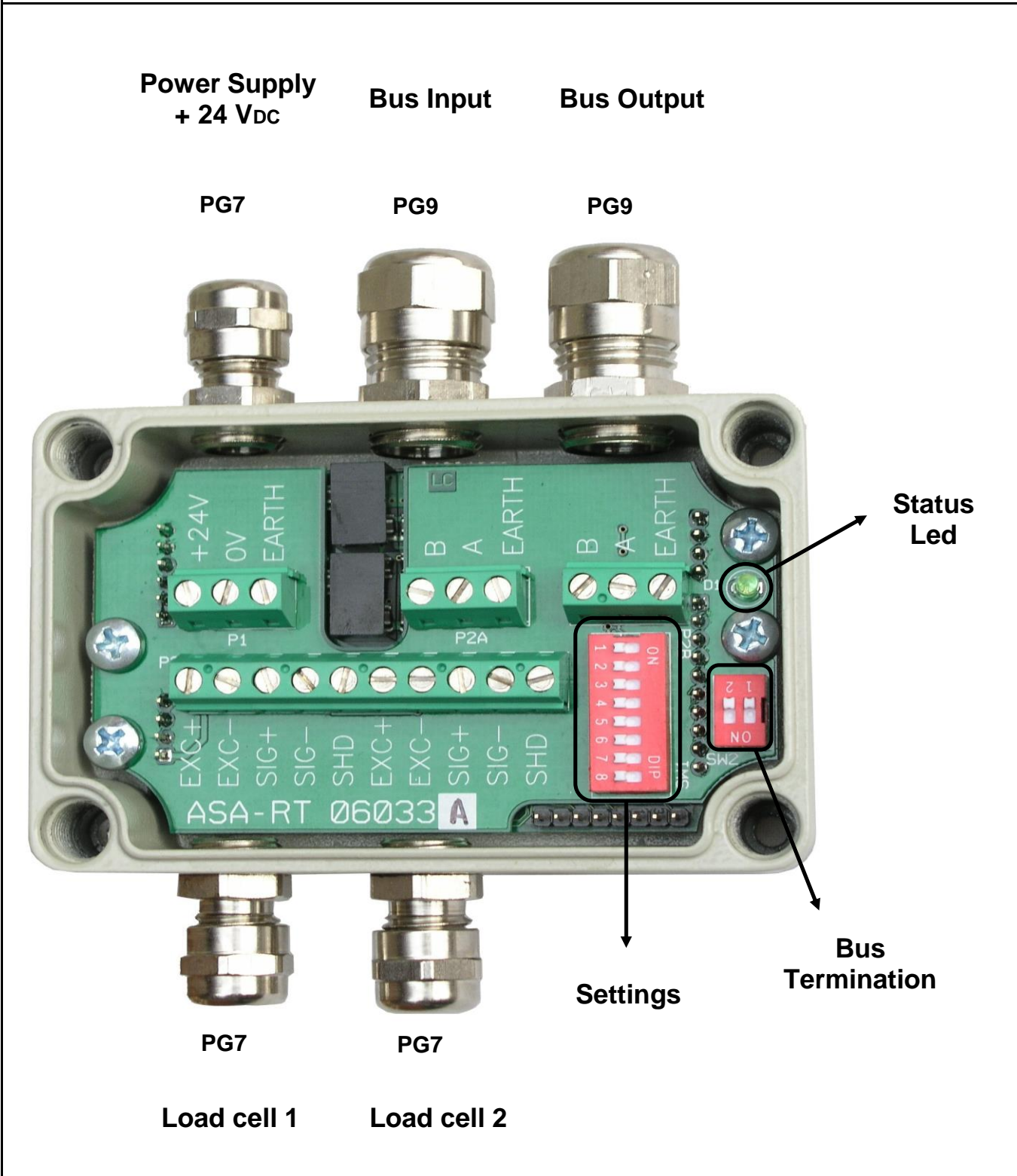
ADB-R/P is a digital measuring amplifier for strain gauges bridge, including a 24 bit acquisition circuit with programmable gain, and fieldbus interface (Profibus DPv1) towards a machine supervisor.

Through the bus link is possible to set all the parameters of the unit: zero, gain, and number of averages on the signal; on the bus is available the tension measurement, with applied the actual parametrisation.

TECHNICAL CHARACTERISTICS

- External power supply 24VDC / $\pm 10\%$ - 90 mA.
- Interface for strain gauges bridge, characterised by:
 - bridge supply 5 VDC.
 - 30 mA total (4 load cells 700 Ohm in parallel o 2 load cells 350 Ohm in parallel).
 - acquisition with a 24 bit ADC converter.
 - acquisition rate 100 Hz
 - linearity 0,02% F.S.
 - thermal drift 0,001% F.S. / °C
- Assembling on board in an aluminum IP66 case.
- Connections on terminal board.
- Working temperature -30 ... +60 °C
- Dip-switch for setting the node identifier and the baudrate (baudrate only for CANopen).
- Dip-switch for inserting the resistors for terminating the field-bus
- Profibus DPv1 interface available.

ELECTRICAL CONNECTION



ORDER CODE

